Guinea-Bissau

This report provides a series of summary charts, statistics and other details about the mobilization and use of open-access species data through the GBIF network, relating to users and participating institutions in Guinea-Bissau. These metrics show status at the time of report generation, unless otherwise noted. Taken together, the elements of this report can help guide and measure progress toward the information needs for biodiversity research, as well as for national commitments on biodiversity and sustainable development.

▶ Access and usage

Researchers from Guinea-Bissau contributed to 1 peer-reviewed articles citing GBIF use during 2023 and a total of 3 articles since 2008.

▶ Data availability in Guinea-Bissau

<table>
<thead>
<tr>
<th>Kingdom</th>
<th>Number of occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animalia</td>
<td>61,068</td>
</tr>
<tr>
<td>Plantae</td>
<td>14,101</td>
</tr>
<tr>
<td>Fungi</td>
<td>186</td>
</tr>
<tr>
<td>Unknown</td>
<td>606</td>
</tr>
<tr>
<td>Protozoa</td>
<td>2</td>
</tr>
<tr>
<td>Bacteria</td>
<td>84</td>
</tr>
<tr>
<td>Virus</td>
<td>18</td>
</tr>
<tr>
<td>Chromista</td>
<td>1,431</td>
</tr>
<tr>
<td>Archaea</td>
<td>0</td>
</tr>
</tbody>
</table>

▶ Data mobilization

Institutions from Guinea-Bissau published 13,499 new occurrence records during 2023 out of a total of 355,993,458 occurrence records added globally to GBIF.org.

Number of records published by institutions in Guinea-Bissau, categorized by kingdom
Access and usage

Data downloads on GBIF.org from users in Guinea-Bissau

Users from Guinea-Bissau made 0 download requests representing 0.0% of all downloads during 2023.

Monthly downloads requested by users in Guinea-Bissau

Recent peer-reviewed articles using GBIF-mediated data by co-authors based in Guinea-Bissau

The GBIF Secretariat maintains and reports on an ongoing literature tracking programme, giving priority to substantive uses of GBIF-mediated data in peer-reviewed literature while identifying the countries or areas of the authors’ institutional affiliations. The citations below represent the five most recent journal articles with at least one co-author from Guinea-Bissau.

Those interested in assisting the Secretariat in identifying additional peer-reviewed uses of GBIF-mediated data may forward relevant citations to comms@gbif.org.

Tavares, Assis, Larkin et al. (2023) Long range gene flow beyond predictions from oceanographic transport in a tropical marine foundation species. Scientific Reports. https://doi.org/10.1038/s41598-023-36367-y


See all research from this country or area gbif.org/country/GW/publications/from
Data availability

Total data available for selected taxonomic groups in Guinea-Bissau

- **Mammals**: 1,297 occurrences
- **Birds**: 41,435 occurrences
- **Bony fish**: 7,592 occurrences
- **Amphibians**: 1,083 occurrences
- **Insects**: 4,013 occurrences
- **Reptiles**: 563 occurrences
- **Molluscs**: 762 occurrences
- **Arachnids**: 249 occurrences
- **Flowering plants**: 13,948 occurrences
- **Ferns**: 96 occurrences
- **Gymnosperms**: 2 occurrences
- **Mosses**: 10 occurrences
- **Sac fungi**: 175 occurrences
- **Basidiomycota**: 9 occurrences

Mammals = Class Mammalia
Birds = Class Aves
Amphibians = Class Amphibia
Insects = Class Insecta
Reptiles = Class Testudines, Sphenodontia, Squamata & Crocodylia
Molluscs = Phylum Mollusca
Arachnids = Class Arachnida
Flowering plants = Phylum Magnoliophyta
Gymnosperms = Superclass Gymnospermae
Ferns = Phylum Pteridophyta
Mosses = Phylum Bryophyta
Sac fungi = Phylum Ascomycota
Basidiomycota = Phylum Basidiomycota

Change over time in records about biodiversity in Guinea-Bissau

**WHY MIGHT THE AMOUNT OF MOBILIZED DATA DECREASE?**
Datasets are sometimes removed by publishers, but more often decreases in the number of records are due to the removal of duplicate records and datasets.

**SPECIES COUNTS** represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life.
Newest publishers from Guinea-Bissau

No data available

Occurrence records downloaded from GBIF.org, published by institutions in Guinea-Bissau

See all publishers from this country or area gbif.org/publisher/search?country=GW

Number of occurrence records downloaded via GBIF.org published by institutions in Guinea-Bissau
Data mobilization

Data sharing with country or area of origin by national institutions in Guinea-Bissau

The chart above shows the number of records shared over time by publishers within Guinea-Bissau, with separate colours for records about species occurring within undefined and those occurring elsewhere.

Top data contributors about biodiversity in Guinea-Bissau

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country or area</th>
<th>No. of occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Guinea-Bissau</td>
<td>33,667</td>
</tr>
<tr>
<td>2</td>
<td>Portugal</td>
<td>10,625</td>
</tr>
<tr>
<td>3</td>
<td>Sweden</td>
<td>8,891</td>
</tr>
<tr>
<td>4</td>
<td>Belgium</td>
<td>5,887</td>
</tr>
<tr>
<td>5</td>
<td>Spain</td>
<td>3,869</td>
</tr>
<tr>
<td>6</td>
<td>Netherlands</td>
<td>3,431</td>
</tr>
<tr>
<td>7</td>
<td>Germany</td>
<td>2,498</td>
</tr>
<tr>
<td>8</td>
<td>United States of America</td>
<td>2,380</td>
</tr>
<tr>
<td>9</td>
<td>Switzerland</td>
<td>1,413</td>
</tr>
<tr>
<td>10</td>
<td>United Kingdom</td>
<td>1,230</td>
</tr>
</tbody>
</table>

Table 1. Ranking of countries or areas contributing data about Guinea-Bissau

Top datasets contributing data about Guinea-Bissau

- EOD – eBird Observation Dataset. *33,667 occurrences in Guinea-Bissau.* (Last updated 20 Aug 2023)
- FishBase Database. *8,230 occurrences in Guinea-Bissau.* (Last updated 23 Mar 2023)
- H_GRONINGEN - Western marsh harriers (Circus aeruginosus, Accipitridae) breeding in Groningen (the Netherlands) [subsampled representation]. *3,752 occurrences in Guinea-Bissau.* (Last updated 24 May 2022)
- CSIC-Real Jardín Botánico-Colección de Plantas Vasculares (MA). *2,768 occurrences in Guinea-Bissau.* (Last updated 12 Jan 2023)

See all contributing countries and areas or datasets: gbif.org/country/GW/about